

09/25/01

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PTO/SB/05 (08-00)

Approved for use through 10/31/2002. OMB 0651-0032

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Application Number

First Inventor

Richard N. ELLSON et al.

Title

High Density Molecular Arrays  
on Porous Surfaces

Attorney Docket Number

7610-0001.25

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:  
Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*

2.  Applicant claims small entity status.  
See 37 CFR 1.27.

3.  Specification [*Total Pages 62*]  
*(preferred arrangement set forth below)*  
 Descriptive title of the invention  
 Cross Reference to Related Applications  
 Statement Regarding Fed sponsored R & D  
 Reference to sequence listing, a table,  
or a computer program listing appendix  
 Background of the Invention  
 Brief Summary of the Invention  
 Brief Description of the Drawings (*if filed*)  
 Detailed Description  
 Claim(s)  
 Abstract of the Disclosure

4.  Drawing(s) (35 U.S.C. 113) [*Total Sheets 3*]

5.  Oath or Declaration [*Total Pages 3*]  
a.  Newly executed (original or copy)  
b.  Copy from a prior application (37 CFR 1.63(d))  
*(for continuation/divisional with Box 17 completed)*  
i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).

6.  Application Data Sheet. See 37 CFR 1.76

7.  CD-ROM or CD-R in duplicate, large table or  
Computer Program (*Appendix*)

8. Nucleotide and/or Amino Acid Sequence Submission  
*(if applicable)*  
a.  Computer Readable Form (CRF)  
b.  Specification Sequence Listing on:  
i.  CD-ROM or CD-R (2 copies); or  
ii.  paper  
c.  Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9.  Assignment Papers (cover sheet & document(s))

10.  37 CFR 3.73(b) Statement  Power of Attorney  
*(when there is an assignee)*

11.  English Translation Document (*if applicable*)

12.  Information Disclosure  Copies of IDS  
Statement (IDS)/PTO-1449  Citations

13.  Preliminary Amendment

14.  Return Receipt Postcard (MPEP 503)  
*(Should be specifically itemized)*

15.  Certified Copy of Priority Document(s)  
*(if foreign priority is claimed)*

16.  Other: Blanket Petition

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No.: U.S. Serial No. 09/727,392 filed November 29, 2000 which is a CIP of U.S. Serial No. 09/669,996 filed September 25, 2000.

Prior application information: Examiner: \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

| 18. CORRESPONDENCE ADDRESS  |                             |   |                |   |                |
|---|-----------------------------|---|----------------|---|----------------|
| <input checked="" type="checkbox"/> Customer Number of Bar Code Label |                             | 23980<br><i>(Insert Customer No. or Attach bar code label here)</i> |                | <input type="checkbox"/> Correspondence address below |                |
| Name  | Dianne E. Reed              |   |                |   |                |
| Address   | REED & ASSOCIATES           |   |                |   |                |
|   | 800 Menlo Avenue, Suite 210 |   |                |   |                |
| City  | Menlo Park                  | State   | CA             | Zip Code  | 94025          |
| Country   | USA                         | Telephone   | (650) 330-0900 | Fax   | (650) 330-0980 |
| Name (Print/Type)   | Dianne E. Reed              | Registration No. (Attorney/Agent)                                   |                | 31,292  |                |
| Signature   | <i>Dianne E. Reed</i>       |   | Date           | September 25, 2001                                    |                |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commission for Patents, Box Patent Application, Washington, DC 20231.

| CERTIFICATE OF MAILING OR TRANSMISSION   |                           |                 |                    |
|--|---------------------------|-----------------|--------------------|
| I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated below and is addressed to "Commissioner for Patents, Box Patent Application, Washington, DC 20231." |                           |                 |                    |
| "Express Mail" Mailing Label No.   | EL910311015US             | Date of Deposit | September 25, 2001 |
| Name of Person Mailing Paper or Fee(Print/Type)  | <i>Marilyn B. McKenna</i> |                 |                    |
| Signature  | <i>Marilyn B. McKenna</i> | Date            | September 25, 2001 |

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|  |  |                       |  | Complete if Known                          |                                  |                                   |                       |  |         |
|--|--|-----------------------|--|--|----------------------------------|-----------------------------------|-----------------------|--|---------|
| <b>FEE TRANSMITTAL</b>   |  |                       |  |  |                                  |                                   |                       |  |         |
| <i>Note: Effective October 1, 1997.<br/>         Patent fees are subject to annual revision.</i>   |  |                       |  |  |                                  |                                   |                       |  |         |
| <b>TOTAL AMOUNT OF PAYMENT</b>   |  | \$404                 |  | Attorney Docket Number <u>7610-0001.25</u> |                                  |                                   |                       |  |         |
| <b>METHOD OF PAYMENT</b> (check one)   |  |                       |  | <b>FEE CALCULATION (continued)</b>         |                                  |                                   |                       |  |         |
| <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> The commissioner is hereby authorized to charge any additional fees and credit any overpayments to:<br/>                     Deposit Account No.: 18-0580<br/>                     Deposit Account Name: REED &amp; ASSOCIATES</li> </ol> |  |                       |  | <b>3. ADDITIONAL FEES</b>                  |                                  |                                   |                       |  |         |
| <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</li> <li><input checked="" type="checkbox"/> Charge the Issue Fee set in 37 CFR 1.18 at the mailing of the Notice of Allowance</li> </ol>                                   |  |                       |  | Larg<br>Fee<br>Code                        | Entit<br>y<br>Fee<br>Fee<br>Code | Small<br>Fee<br>Fee<br>Code       | Entity<br>Fee<br>(\$) | Fee Description  | Fee Due |
| <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> Payment Enclosed:<br/> <input checked="" type="checkbox"/> Check    <input type="checkbox"/> Money Order    <input type="checkbox"/> Other</li> </ol>   |  |                       |  | 105  | 130                              | 205                               | 65                    | Surcharge - late filing fee or oath  |         |
|  |  |                       |  | 127  | 50                               | 227                               | 25                    | Surcharge - late provisional filing fee or cover sheet                     |         |
|  |  |                       |  | 139  | 130                              | 139                               | 130                   | Non-English specification  |         |
|  |  |                       |  | 147  | 2,520                            | 147                               | 2,520                 | For filing a request for reexamination                                     |         |
|  |  |                       |  | 112  | 920*                             | 112                               | 920*                  | Requesting publication of SIR prior to Examiner action                     |         |
|  |  |                       |  | 113  | 1,840                            | 113                               | 1,840                 | Requesting publication of SIR after Examiner action                        |         |
|  |  |                       |  | 115  | 110                              | 215                               | 55                    | Extension for reply within first month                                     |         |
|  |  |                       |  | 116  | 390                              | 216                               | 195                   | Extension for reply within second month                                    |         |
|  |  |                       |  | 117  | 890                              | 217                               | 455                   | Extension for reply within third month                                     |         |
|  |  |                       |  | 118  | 1,390                            | 218                               | 695                   | Extension for reply within fourth month                                    |         |
|  |  |                       |  | 128  | 1,890                            | 228                               | 945                   | Extension for reply within fifth month                                     |         |
|  |  |                       |  | 119  | 310                              | 219                               | 155                   | Notice of Appeal   |         |
|  |  |                       |  | 120  | 310                              | 220                               | 155                   | Filing a brief in support of an appeal                                     |         |
|  |  |                       |  | 121  | 270                              | 221                               | 135                   | Request for oral hearing   |         |
|  |  |                       |  | 138  | 1,510                            | 138                               | 1,510                 | Petition to institute a public use proceeding                              |         |
|  |  |                       |  | 140  | 110                              | 240                               | 55                    | Petition to revive - unavoidable   |         |
|  |  |                       |  | 141  | 1,240                            | 241                               | 620                   | Petition to revive - unintentional   |         |
|  |  |                       |  | 142  | 1,240                            | 242                               | 620                   | Utility issue fee (or reissue)   |         |
|  |  |                       |  | 143  | 440                              | 243                               | 220                   | Design issue fee   |         |
|  |  |                       |  | 144  | 600                              | 244                               | 300                   | Plant issue fee  |         |
|  |  |                       |  | 122  | 130                              | 122                               | 130                   | Petitions to the Commissioner  |         |
|  |  |                       |  | 123  | 50                               | 123                               | 50                    | Petitions related to provisional applications                              |         |
|  |  |                       |  | 126  | 240                              | 126                               | 240                   | Submissions of Information Disclosure Stmt                                 |         |
|  |  |                       |  | 581  | 40                               | 581                               | 40                    | Recording each patent assignment per property (times number of properties) | \$40.00 |
|  |  |                       |  | 146  | 710                              | 246                               | 355                   | Filing a submission after final rejection (37 CFR 1.129(a))                |         |
|  |  |                       |  | 149  | 710                              | 249                               | 355                   | For each additional invention to be examined (37 CFR 1.129(b))             |         |
|  |  |                       |  | Other fee (specify)                        |                                  |                                   |                       |  |         |
|  |  |                       |  | Other fee (specify)                        |                                  |                                   |                       |  |         |
|  |  |                       |  | SUBTOTAL (2)                               | \$9                              | *Reduced by Basic Filing Fee Paid |                       |  |         |
|  |  |                       |  |  |                                  | SUBTOTAL (3) \$40.00              |                       |  |         |
| SUBMITTED BY   |  |                       |  |  |                                  |                                   |                       | Complete (if applicable)   |         |
| Typed or Printed Name  |  | <u>Dianne E. Reed</u> |  |  |                                  |                                   |                       | Reg. Number  | 31,292  |
| Signature  |  | <u>Dianne E. Reed</u> |  |  |                                  |                                   |                       | Date   |         |
|  |  |                       |  |  |                                  |                                   |                       | Deposit Account  | 18-0580 |